

THIS MEMORANDUM OF OIL AND GAS LEASE AGREEMENT, dated this 12<sup>th</sup> day of February, 2009, by and between John F. Mueller and Jennifer H. Mueller, husband and wife, whose address is RR 3 Box 362C, Cameron, West Virginia 26033 hereinafter referred to as "Lessor" (whether one or more), and Trans Energy, Inc., whose address is P.O. Box 393, St. Marys, West Virginia 26170 hereinafter referred to as "Lessee".

**WITNESSETH:**

For and in consideration of One Dollar (\$1.00) and other good and valuable consideration paid by Lessee to Lessor and in further consideration of the covenants and conditions more particularly set forth in a certain lease between Lessor and Lessee dated January 2009 (hereinafter referred to as the "Lease"), Lessor does demise and let unto Lessee the following described premises:

District 3	Map 8	Parcel 33	10.17 acres, more or less
District 3	Map 8	Parcel 32	20.48 acres, more or less
District 3	Map 8	Parcel 31	9.09 acres, more or less
District 3	Map 8	Parcel 34	15 acres, more or less
District 3	Map 8	Parcel 30	21.81 acres, more or less
District 3	Map 8	Parcel 36	39.23 acres, more or less
District 3	Map 8	Parcel 3	15.46 acres, more or less
District 3	Map 8	Parcel 4	57.26 acres, more or less
District 3	Map 8	Parcel 35	33.10 acres, more or less
District 3	Map 9	Parcel 10	43 acres, more or less

Containing 264.6 acres, more or less, and located in Cameron District, Marshall County, State of West Virginia, (hereinafter referred to as the "Premises") for the purpose of exploring for by geophysical, seismic, and other methods, drilling, operating for, producing and removing oil and gas and all the constituents thereof.

Title to the Premises was conveyed to Lessor by deed recorded in Volume/Book 671, Page 35 in the Marshall County Records.

1. To have and to hold the Premises for a term commencing January 2, 2009 and terminating One (1) Year thereafter in the event that Lessee does not drill one horizontal well during 2009, and terminating January 2, 2011 in the event Lessee does not drill at least one Marcellus well during 2010 (either vertical or horizontal) on a lease executed between Lessee and either John Mueller, Perry Keaton or Rusty White and if both wells are drilled for a total period of five years and so much longer thereafter as oil or gas or their constituents are produced or are capable of being commercially produced.
2. Under the terms of the aforementioned Lease the lease covers all formations and strata from the bottom of the Tully Limestone formation to the bottom of the Onondaga Limestone formation ("Target Formation"). Lessee shall have the right to drill through the formations situated above the Tully Limestone Formation. Lessee shall have the right of first refusal to lease all formations above the Tully Limestone and below the Onondaga Limestone. Upon Lessee commencing drilling operations to the Targeted Formation and its subsequent completion, this has the effect of holding all other formations, if they are unleased, on the subject lease for a period of one year for the benefit of Lessee to drill additional wells either above or below the Target Formation subject to the terms and conditions of the lease.
3. Under the terms of the aforementioned Lease each well shall hold and operate an area of 750 feet radius around the well bore, such well bore defined as from the surface of the ground to the ultimate total depth (both vertically and horizontally) of such well and Lessee shall release all remaining acreage outside such 750 radius after the primary term of 5 years
4. This Memorandum of Lease is executed in simplified short form for the convenience of the parties and for the purpose of recording the same, and this Memorandum of Lease shall not have the effect of in any way modifying, supplementing or abridging the Lease or any of its provisions as the same or now or may hereafter be in force and effect other than 50% of this lease may be assigned to Republic Partners VII, LLC.

IN WITNESS WHEREOF, the parties to this agreement have hereunto set their hands and seals this day and year first above written.

Lessor Signatures:

*John F. Mueller*  
John F. Mueller  
*Jennifer H. Mueller*  
Jennifer H. Mueller

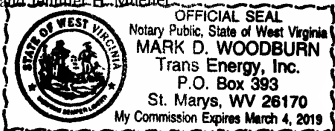
Lessee Signature:

*Mark D. Woodburn*  
Mark D. Woodburn  
Land Department Manager

JAN PEST  
MARSHALL County 10:19:54 AM  
Instrument No 1266157  
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STATE OF WEST VIRGINIA  
COUNTY OF *Marshall*

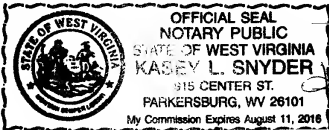
TO-WIT: The foregoing instrument was acknowledged before me this *5<sup>th</sup>* day of *MARCH*, 2009, by John F. Mueller and Jennifer H. Mueller.



STATE OF WEST VIRGINIA  
COUNTY OF *Marshall*

TO-WIT: The foregoing instrument was acknowledged before me this *5<sup>th</sup>* day of *MARCH*, 2009, by Mark D. Woodburn, Land Department Manager of Trans Energy, Inc., a Nevada corporation, on behalf of the corporation.

This document was prepared by and is to be returned to:



*Aug. 11, 2016*  
My Commission expires

*Kasey L. Snyder*  
Notary Public

STATE OF WEST VIRGINIA, MARSHALL COUNTY, SCT.:

I, JAN PEST, Clerk of the County Commission of said County, do hereby certify that the annexed writing, bearing date on the *12<sup>th</sup>* day of *February*, *2009*, was presented for and by me, admitted to record in my office upon the above certificate as to the parties therein named this *20<sup>th</sup>* day of *March*, *2009* at *10:19* o'clock *A.M.*

TESTE: *Jan Pest* Clerk.